

Converting Colors

CIELCh(69, 34.792, 200.799)

Have a look what the booklet for
CIELCh(69, 34.792, 200.799)
contains.

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Color

CIELCh(69, 34.717, 201.365)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 38B9BE |
| RGB | 56, 185, 190 |
| RGB Percent | 22%, 73%, 75% |
| CMY | 0.7794, 0.2738, 0.2542 |
| CMYK | 0.70, 0.03, 0.00, 0.25 |
| HSL | 182°, 54%, 48% |
| HSV | 182°, 70%, 75% |
| XYZ | 28.3436, 39.3444, 54.9154 |
| YIQ | 146.9990, -78.4890, -25.7930 |

Conversions

Conversions Part 2

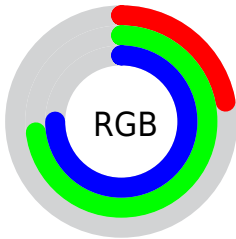
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 56, 122, 190 |
| Decimal | 3717566 |
| CIE Lab | 69.00, -32.33, -12.65 |
| CIE LCh | 69, 34.717, 201.365 |
| Yxy | 39.3444, 0.2312, 0.3209 |
| Android (android.graphics.Color) | 4281907646 (0xFF38B9BE) |
| YUV | 146.9990, 21.1995, -79.8061 |
| Hunter-Lab | 62.7251, -29.1100, -8.0004 |

Details

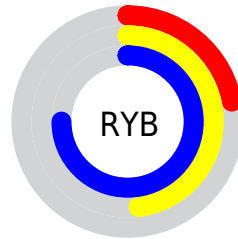
The CIELCh color **69, 34.717, 201.365** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **45, 60.449, 32.098**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 34.908, 200.674**, and **50, 29.806, 203.401** is the 20% darker color. If you saturate the color by 10%, you get **68, 36.637, 201.610**, and if you desaturate by 10%, it is **70, 31.935, 201.249**.

Distribution



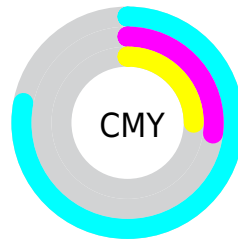
- Red (22%)
- Green (73%)
- Blue (75%)



- Red (22%)
- Yellow (48%)
- Blue (75%)



- Cyan (70%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)




- Cyan (78%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 34.717, 201.365 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 34.717, 201.365 by changing the saturation by 10% instead.

 69, 34.717,
201.365

 69, 34.717,
201.365

 100, 34.717,
201.365

 59, 34.717,
201.365

 89, 34.717,
201.365


 49, 34.717,
201.365


 99, 34.717,
201.365

 39, 34.717,
201.365

 29, 34.717,
201.365

 19, 34.717,
201.365

 9, 34.717, 201.365

 0, 34.717, 201.365

■ 69, 34.717,
201.365

■ 69, 34.717,
201.365

■ 68, 36.637,
201.610

■ 70, 31.935,
201.249

■ 68, 37.733,
201.995

■ 71, 28.307,
201.257

■ 68, 38.196,
202.473

■ 72, 23.892,
201.374

■ 73, 18.777,
201.588

■ 74, 13.065,
201.890

■ 75, 6.865, 202.283

■ 77, 0.282, 204.510

■ 79, 6.589, 22.989

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 34.717, 201.365



45, 60.449, 32.098

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 34.717, 201.365



69, 34.717, 251.365



69, 34.717, 21.365



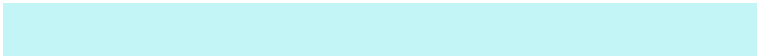
69, 34.717, 71.365

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 34.717, 201.364



93, 16.584, 201.859



68, 80.354, 138.828



50, 11.209, 201.768



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 34.717, 201.364



87, 45.546, 201.822



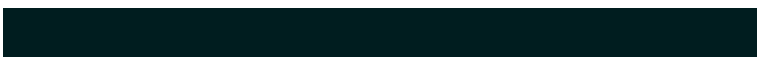
49, 43.493, 275.029



39, 3.721, 202.334



57, 33.337, 202.385



9, 11.087, 201.534

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49, 78.363, 328.993



59, 105.966, 329.479



59, 50.393, 69.568



37, 6.891, 325.947



37, 78.547, 329.754



3, 20.720, 326.766

Previews

White Background



This preview shows how the CIELCh color 69, 34.717, 201.365 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 34.717, 201.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

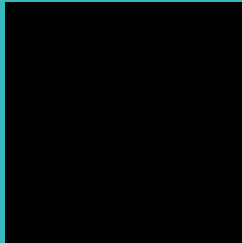
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

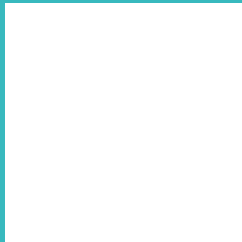
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 34.717, 201.365

Background



This preview shows how black text looks on a background with the CIELCh color 69, 34.717, 201.365.

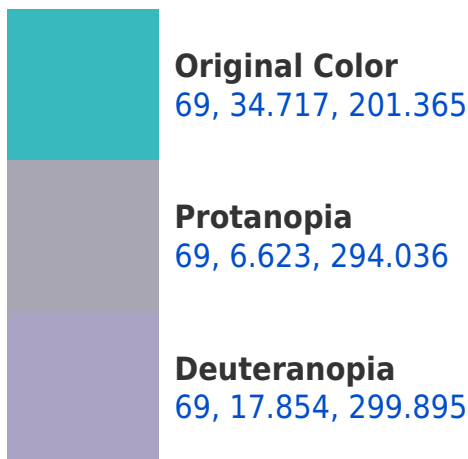


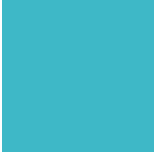
This preview shows how white text looks on a background with the CIELCh color 69, 34.717, 201.365.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
69, 33.266, 211.529

Trichromacy



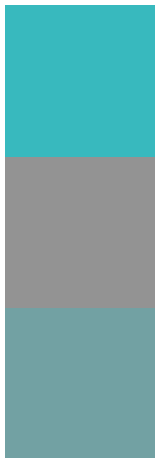
Original Color
69, 34.717, 201.365

Protanomaly
68, 16.229, 216.138

Deuteranomaly
68, 18.057, 241.042

Tritanomaly
69, 33.574, 208.403

Monochromacy



Original Color
69, 34.717, 201.365

Achromatopsia
61, 0.008, 296.813

Achromatomaly
63, 16.353, 201.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 34.717, 201.365 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(56, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(56, 185, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(56, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 185, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 34.717, 201.365 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 185, 190) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(56, 185, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(56, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(56, 185,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 34.717, 201.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 185, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(56, 185,  
190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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